

Please type a plus sign (+) inside this box → +

APR 27 2005

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
Sheet	1	of	2	Application Number	09/830,480
				Filing Date	26 April 2001
				First Named Inventor	Christoph Menzel
				Group Art Unit	2144
				Examiner Name	Gertrude Arthur Jeanglaude
				Attorney Docket Number	RXSD 1003-1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
GAT	A1	4,902,274		Gleeson, III	02-1990	
	A2	5,774,216		Priddy et al.	06-1998	
	A3	6,201,875		Davis et al.	03-2001	
GAT	A4	6,379,314		Hom	04-2002	
	A5					
	A6					
	A7					
	A8					
	A9					
	A10					
	A11					
	A12					
	A13					
	A14					
	A15					
	A16					
	A17					
	A18					
	A19					
	A20					

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴				
	B1						
	B2						
	B3						
	B4						
	B5						
	B6						
	B7						
	B8						
	B9						
	B10						

Examiner Signature	G. ARTHUR-JEANGLAUDE	Date Considered	6-15-05
-----------------------	----------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/088 (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known	
	Application Number	09/830,480		
	Filing Date	26 April 2001		
	First Named Inventor	Christoph Menzel		
	Group Art Unit	2144		
	Examiner Name	Gertrude Arthur Jeanglaude		
	Attorney Docket Number	RXSD 1003-1		
Sheet	2	of	2	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
GAS	C1	F. Basile, "Using the Windows Volume Control Mixer," http://www.cakewalk.com/Support/Lessons/WindowsMixer.htm , 2001. Twelve Tone Systems, Inc.	
	C2	J. R. STUART and R. J. WILSON, "Dynamic Range Enhancement using Noise-Shaped Dither at 44.1, 48 and 96 kHz," Presented at the 100th AES Convention, 1996, May 11-14, pp. 1-19, Copenhagen.	
	C3	R. A. WANNAMAKER, "Subtractive and Non-Subtractive Dithering: A Comparative Analysis," Presented at the 97th AES Convention, 1994, November 10-13, pp. 1-38, San Francisco.	
	C4	J. R. STUART and R. J. WILSON, "Dynamic Range Enhancement Using Noise-Shaped Dither Applied to Signals with and without Pre-emphasis," Presented at the 96th AES Convention, 1994, February 26 - March 1, pp. 1-29, Amsterdam.	
	C5	J. R. STUART, "Noise: Methods for Estimating Detectability and Threshold," Presented at the 94th AES Convention, 1993, March 16-19, pp. 1-24, Berlin.	
	C6	J. R. STUART and R. J. WILSON, "A Search for Efficient Dither for DSP Applications," Presented at the 92nd AES Convention, 1992, March 24-27, pp. 1-32, Vienna.	
	C7	J. R. STUART, "Predicting the Audibility, Detectability, and Loudness of Errors in Audio Systems," Presented at the 91st AES Convention, 1991, October 4-8, pp. 1-28, New York.	
	C8	J. R. STUART, "Estimating the Significance of Errors in Audio Systems," Presented at the 91st AES Convention, 1991, October 4-8, pp. 1-17, New York.	
	C9	http://cas.et.tudelft.nl/~wissce/reports/giaco/subsection3.5.4.2.html Amplitude Quantization Error consisting of 1 page, downloaded on 30 May 2001. Date of publication unknown.	
	C10	http://www.its.bldrdoc.gov/projects/t1glossary2000/_quantization.html "Quantization" consisting of 1 page downloaded on 31 October 2001. Date of publication unknown.	
GAS	C11	http://www.sfu.ca/sca/Manuals/ZAAPf/q/quantization_error.html "Quantization Error" consisting of 1 page, downloaded on 31 October 2001. Date of publication unknown.	

Examiner Signature	G. ARTHUR - JEANGLAUDE	Date Considered	6-15-05
--------------------	------------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.